

ABSTRACT OF THE DISCLOSURE

Mechanisms for executing a transaction such that it may be undone after being committed. The mechanism maintains a mapping between each of a number of groups of one or more direct methods with a corresponding group of one or more inversion methods, that, when executed, causes the computing system to at least partially undo the effects of the execution of the corresponding group of direct methods. Upon beginning a transaction, the computing system runs a one or more groups of one or more direct methods that are part of the transaction. The mapping is then used to identify the corresponding group(s) of inversion methods. The identities of each corresponding group of inversion methods are then saved to a compensation record. The transaction is then committed, and the compensation record is saved to a persistent media along with a transaction identifier.

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